

Temporal changes in gene expression in the skin of patients treated with isotretinoin provide insight into its mechanism of action.

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**Eight week Clustering Diagram.** Hierarchical clustering was used to compute a dendrogram that assembled all samples and genes into a single tree. Normalized gene array expression data from each patient's baseline and treatment biopsy was imported into dChip software version 1.3. Each row represents a single gene and each column represents a patient sample. B = baseline and A = after treatment. The color reflects the level of expression when compared to the mean level of expression for the entire 8 week biopsy set. Red indicates gene expression higher than the mean level while blue illustrates gene expression lower than the mean.

